

Amendments to the Claims

1. (Previously presented) An electrode metal material for use in an electrode structure in contact with non-aqueous electrolyte, wherein the electrode metal material is a carbon-containing metal material comprising a valve metal material, and carbon particles partially embedded in a surface of the valve metal material and projected from the surface of said valve metal material to expose said carbon particles from said surface.

2. (Canceled)

3. (Previously presented) The electrode metal material according to Claim 1, wherein the surface of the valve metal material is coated with a passive film.

4. (Previously presented) The electrode metal material according to Claim 1, wherein said electrode metal material is coated with an activated carbon layer to form a double-layer electrode for an electric double-layer capacitor.

5. (Previously presented) The electrode metal material according to Claim 1, wherein said electrode metal material is a cathode of an electrolytic capacitor.

6. (Previously presented) The electrode metal material according to Claim 1, wherein said electrode metal material is a sheet.

7. (Previously presented) The electrode metal material according to Claim 1, wherein said carbon particles are formed of conductive carbon particles.

8. (Original) The electrode metal material according to Claim 1, wherein said carbon particles are activated carbon particles.

9. (Previously presented) The electrode metal material according to Claim 1, wherein said carbon particles have a mean diameter in the range of 0.01 to 50 μm .

10. (Original) The electrode metal material according to Claim 1, wherein said carbon particles have one of particulate, granular and fibrous forms.

11-120. (Canceled)

121. (Previously presented) The electrode metal material according to Claim 7, wherein said conductive carbon particles are graphite or carbon black.

122. (Previously presented) The electrode metal material according to Claim 1, wherein said valve metal material is one selected from the group consisting of tantalum, aluminum, titanium, niobium, zirconium, bismuth, silicon, hafnium, a titanium-based alloy containing boron and tin, a titanium-based alloy containing chromium and vanadium, a titanium-based alloy containing vanadium and antimony, and an aluminum-based alloy containing titanium.

123. (Previously presented) The electrode metal material according to Claim 1, wherein said valve metal material is aluminum or tantalum.